

Anti-beta II tubulin TUBB2A Monoclonal Antibody

Catalog Number: M06868

About TUBB2A

Epithelial splicing regulatory protein 1 (Esrp-1) is an mRNA splicing factor that regulates the formation of epithelial cell-specific isoforms. It specifically regulates the expression of FGFR2-IIIb, an epithelial cell-specific isoform of FGFR2, and also regulates the splicing of CD44, CTNND1, ENAH, 3 transcripts that undergo changes in splicing during the epithelial-to-mesenchymal transition (EMT). EsrpP-1 acts by directly binding specific sequences in mRNAs. It binds the GU-rich sequence motifs in the ISE/ISS-3, a cis-element regulatory region present in the mRNA of FGFR2.

Overview

Product Name	Anti-beta II tubulin TUBB2A Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-beta II tubulin TUBB2A Monoclonal Antibody catalog # M06868. Tested in IP, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, WB
Clonality	Monoclonal Mix
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q13885

Technical Details

Immunogen	Synthetic Peptide
Predicted Reactive Species	Chimpanzee, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the

optimal dilution ratio for your samples.
Some PubMed article(s) citing the expression level of this target are as follows:
Boster Bio's internal QC testing used:
WB 1:50000-100000
IP 1:200

Anti-beta II tubulin TUBB2A Monoclonal Antibody (M06868) Images

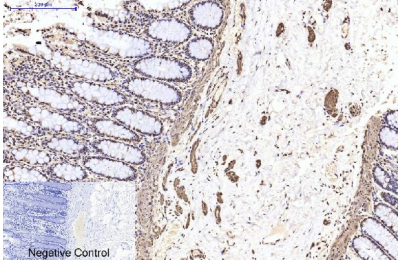


Figure 2. Immunohistochemistry validation of TUBB2A using Anti-beta II tubulin TUBB2A Monoclonal Antibody (M06868).

Immunohistochemical analysis of human-colon tissue. Anti-Beta II tubulin at 1:200 (4°C)

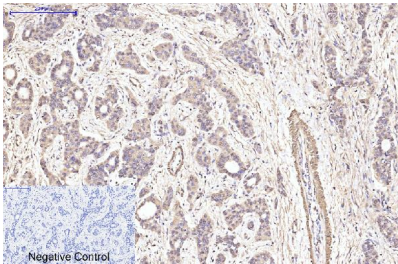


Figure 3. Immunohistochemistry validation of TUBB2A using Anti-beta II tubulin TUBB2A Monoclonal Antibody (M06868).

Immunohistochemical analysis of human liver cancer tissue. Anti-Beta II tubulin at 1:200 (4°C)

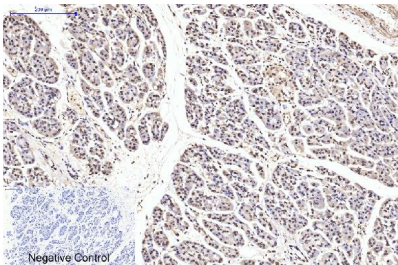


Figure 4. Immunohistochemistry validation of TUBB2A using Anti-beta II tubulin TUBB2A Monoclonal Antibody (M06868).

Immunohistochemical analysis of human stomach cancer tissue. Anti-Beta II tubulin at 1:200 (4°C)

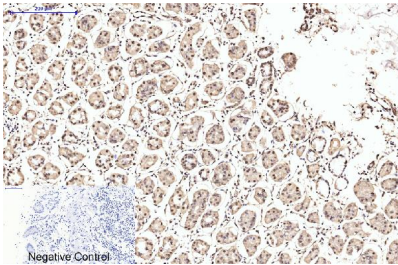


Figure 5. Immunohistochemistry validation of TUBB2A using Anti-beta II tubulin TUBB2A Monoclonal Antibody (M06868).

Immunohistochemical analysis of human stomach tissue. Anti-Beta II tubulin at 1:200 (4°C)

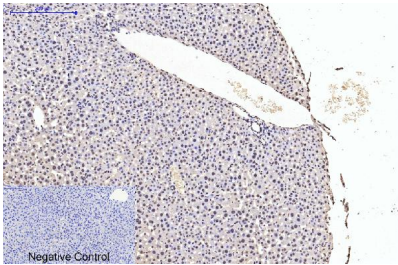


Figure 6. Immunohistochemistry validation of TUBB2A using Anti-beta II tubulin TUBB2A Monoclonal Antibody (M06868).

Immunohistochemical analysis of mouse liver tissue. Anti-Beta II tubulin at 1:200 (4°C)

Figure 7. Immunohistochemistry validation of TUBB2A using Anti-beta II tubulin TUBB2A Monoclonal Antibody (M06868).

Immunohistochemical analysis of mouse testis tissue. Anti-Beta II tubulin at 1:200 (4°C)

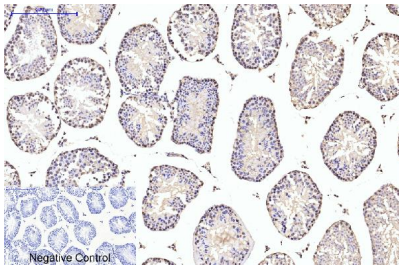


Figure 8. Immunohistochemistry validation of TUBB2A using Anti-beta II tubulin TUBB2A Monoclonal Antibody (M06868).

Immunohistochemical analysis of rat kidney tissue. M06868 was diluted at 1:200 (4°C)

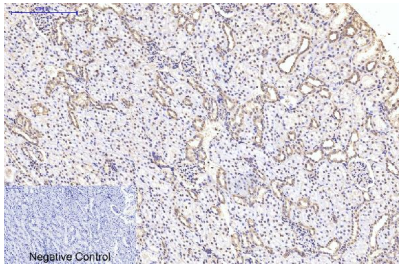


Figure 9. Immunohistochemistry validation of TUBB2A using Anti-beta II tubulin TUBB2A Monoclonal Antibody (M06868).

Immunohistochemical analysis of rat spleen tissue. M06868 was diluted at 1:200 (4°C)

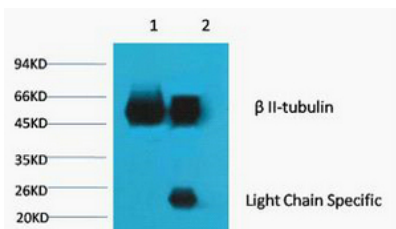
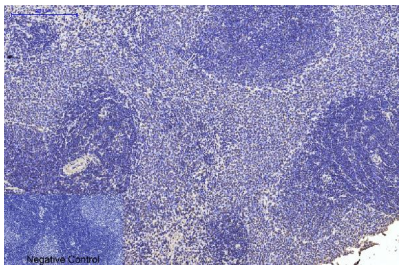


Figure 10. IP validation of TUBB2A using Anti-beta II tubulin TUBB2A Monoclonal Antibody (M06868).

Immunoprecipitation (IP) analysis: 1) Input: Mouse Brain Tissue Lysate.

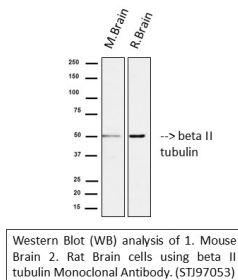


Figure 1. Western blotting validation for Anti-beta II tubulin TUBB2A Monoclonal Antibody M06868

Western blot (WB) analysis of beta II tubulin monoclonal antibody.

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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